

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
REGION 9, SAN DIEGO REGION

ATTACHMENT G - MONITORING AND REPORTING FORM

ORDER NO. R9-2005-0091
NPDES PERMIT NO. CA0107336

Please check and label the applicable reporting period:

- ☐ Monthly _____
☐ Quarterly _____
☐ Semi-annual _____
☐ Annual _____

Date ____/____/____

Constituent	Sample Type	Minimum Sampling Frequency	Sample Date	Results E-INF	Results W-INF	Units
Total Coliform	Grab	Weekly				MPN/100 mL
	Grab	Weekly				MPN/100 mL
	Grab	Weekly				MPN/100 mL
	Grab	Weekly				MPN/100 mL
	Grab	Weekly				MPN/100 mL
Fecal Coliform	Grab	Weekly				MPN/100 mL
	Grab	Weekly				MPN/100 mL
	Grab	Weekly				MPN/100 mL
	Grab	Weekly				MPN/100 mL
	Grab	Weekly				MPN/100 mL
Enterococcus	Grab	Weekly				MPN/100 mL
	Grab	Weekly				MPN/100 mL
	Grab	Weekly				MPN/100 mL
	Grab	Weekly				MPN/100 mL
	Grab	Weekly				MPN/100 mL
Suspended Solids	24 hr. - Composite	Quarterly				mg/L

Effluent Monitoring Outfall No. 001 (East)

Constituent	Units	Sample Type	Minimum Sampling Frequency	Sample Date	Results	Effluent Limitations				
						6-Month Median	Monthly Average	Maximum Daily	Instantaneous Minimum	Instantaneous Maximum
Flow	MGD	Continuous	Daily	N/A	1	--	--	3.24	--	--
Temperature	°C	Grab	Monthly			--	--	--	--	--
pH (Units)	Units	Grab	Weekly			--	--	--	7.0	9.0
	Units	Grab	Weekly			--	--	--	7.0	9.0
	Units	Grab	Weekly			--	--	--	7.0	9.0
	Units	Grab	Weekly			--	--	--	7.0	9.0
	Units	Grab	Weekly			--	--	--	7.0	9.0
Total Coliform	MPN/100 mL	Grab	Weekly			The median total coliform concentration throughout the water column for any 30-day period shall not exceed 70/100 mL nor shall more than 10 percent of the samples collected during any 30-day period exceed 230/100 mL for a five-tube decimal dilution test or 330/100 mL when a three tube dilution test is used.				
	MPN/100 mL	Grab	Weekly							
	MPN/100 mL	Grab	Weekly							
	MPN/100 mL	Grab	Weekly							
	MPN/100 mL	Grab	Weekly							
Fecal Coliform	MPN/100 mL	Grab	Weekly			The fecal coliform concentration based on a minimum of not less than five samples for any 30-day period, shall not exceed a log mean of 200/100 mL, nor shall more than 10 percent of total samples during any 30-day period exceed 400/100 mL.				
	MPN/100 mL	Grab	Weekly							
	MPN/100 mL	Grab	Weekly							
	MPN/100 mL	Grab	Weekly							
	MPN/100 mL	Grab	Weekly							
Enterococcus	CFU/100 mL	Grab	Weekly			--	35	--	--	104
	CFU/100 mL	Grab	Weekly			--	35	--	--	104
	CFU/100 mL	Grab	Weekly			--	35	--	--	104
	CFU/100 mL	Grab	Weekly			--	35	--	--	104
	CFU/100 mL	Grab	Weekly			--	35	--	--	104
Residual Chlorine	mg/L	Grab	Weekly			--	0.21	--	--	0.42
	lbs/day	Calculate				--	5.7	--	--	11.3
Residual Chlorine	mg/L	Grab	Weekly			--	0.21	--	--	0.42
	lbs/day	Calculate				--	5.7	--	--	11.3
Residual Chlorine	mg/L	Grab	Weekly			--	0.21	--	--	0.42
	lbs/day	Calculate				--	5.7	--	--	11.3
Residual Chlorine	mg/L	Grab	Weekly			--	0.21	--	--	0.42
	lbs/day	Calculate				--	5.7	--	--	11.3
Residual Chlorine	mg/L	Grab	Weekly			--	0.21	--	--	0.42
	lbs/day	Calculate				--	5.7	--	--	11.3

Suspended Solids	mg/L	24-hr. Composite	Quarterly		The discharge of aquaria wastewater through Outfall No. 001 shall contain no increase in excess of 10 mg/L for a monthly average or 15 mg/L for a daily maximum when compared to the intake water.					
Settleable Solids	ml/L	Grab	Quarterly			--	1.0	--	--	3.0
Oil and Grease	mg/L	Grab	Semi-annual			--	25	--	--	75
	lbs/day	Calculate				--	676	--	--	2,026
Turbidity	NTU	24-hr. Composite	Semi-annual			--	75	--	--	225
Copper ²	µg/L	24-hr. Composite	Semi-annual			24	38.13	76.5	--	--
	lbs/day	Calculated				0.65	1.0	2.1	--	--
Silver ²	µg/L	24-hr. Composite	Semi-annual			6.5	23.16	36	--	--
	lbs/day	Calculated				0.2	0.6	1.0	--	--
Ammonia	mg/L	24-hr. Composite	Semi-annual			--	--	--	--	0.55
	lbs/day	Calculated				--	--	--	--	15
Acute Toxicity	TUa	24-hr. Composite	Annual			--	1.5	--	--	2.5
Chronic Toxicity	TUc	24-hr. Composite	Once every 5-years			--	--	22	--	--

1 Daily flow values shall be submitted as an attachment to this form.

2 Metals shall be reported as total recoverable.

Effluent Monitoring Outfall No. 002 (West)

Constituent	Units	Sample Type	Minimum Sampling Frequency	Sample Date	Results	Effluent Limitations				
						6-Month Median	Monthly Average	Maximum Daily	Instantaneous Minimum	Instantaneous Maximum
Flow	MGD	Continuous	Daily	N/A	1	--	--	6.12	--	--
Temperature	°C	Grab	Monthly			--	--	--	--	--
pH (Units)	Units	Grab	Weekly			--	--	--	7.0	9.0
	Units	Grab	Weekly			--	--	--	7.0	9.0
	Units	Grab	Weekly			--	--	--	7.0	9.0
	Units	Grab	Weekly			--	--	--	7.0	9.0
	Units	Grab	Weekly			--	--	--	7.0	9.0
Total Coliform	MPN/100 mL	Grab	Weekly			The median total coliform concentration throughout the water column for any 30-day period shall not exceed 70/100 mL nor shall more than 10 percent of the samples collected during any 30-day period exceed 230/100 mL for a five-tube decimal dilution test or 330/100 mL when a three tube dilution test is used.				
	MPN/100 mL	Grab	Weekly							
	MPN/100 mL	Grab	Weekly							
	MPN/100 mL	Grab	Weekly							
	MPN/100 mL	Grab	Weekly							
Fecal Coliform	MPN/100 mL	Grab	Weekly			The fecal coliform concentration based on a minimum of not less than five samples for any 30-day period, shall not exceed a log mean of 200/100 mL, nor shall more than 10 percent of total samples during any 30-day period exceed 400/100 mL.				
	MPN/100 mL	Grab	Weekly							
	MPN/100 mL	Grab	Weekly							
	MPN/100 mL	Grab	Weekly							
	MPN/100 mL	Grab	Weekly							
Enterococcus	CFU/100 mL	Grab	Weekly			--	35	--	--	104
	CFU/100 mL	Grab	Weekly			--	35	--	--	104
	CFU/100 mL	Grab	Weekly			--	35	--	--	104
	CFU/100 mL	Grab	Weekly			--	35	--	--	104
	CFU/100 mL	Grab	Weekly			--	35	--	--	104
Residual Chlorine	mg/L	Grab	Weekly			--	0.21	--	--	0.42
	lbs/day	Calculate				--	10.7	--	--	21.4
Residual Chlorine	mg/L	Grab	Weekly			--	0.21	--	--	0.42
	lbs/day	Calculate				--	10.7	--	--	21.4
Residual Chlorine	mg/L	Grab	Weekly			--	0.21	--	--	0.42
	lbs/day	Calculate				--	10.7	--	--	21.4
Residual Chlorine	mg/L	Grab	Weekly			--	0.21	--	--	0.42
	lbs/day	Calculate				--	10.7	--	--	21.4
Residual Chlorine	mg/L	Grab	Weekly			--	0.21	--	--	0.42
	lbs/day	Calculate				--	10.7	--	--	21.4

Suspended Solids	mg/L	24-hr. Composite	Quarterly		The discharge of aquaria wastewater through Outfall No. 001 shall contain no increase in excess of 10 mg/L for a monthly average or 15 mg/L for a daily maximum when compared to the intake water.					
Settleable Solids	ml/L	Grab	Quarterly			--	1.0	--	--	3.0
Oil and Grease	mg/L	Grab	Semi-annual			--	25	--	--	75
	lbs/day	Calculate				--	1,276	--	--	3,828
Turbidity	NTU	24-hr. Composite	Semi-annual			--	75	--	--	225
Copper ²	µg/L	24-hr. Composite	Semi-annual			24	38.13	76.5	--	--
	lbs/day	Calculated				1.2	1.9	3.9	--	--
Silver ²	µg/L	24-hr. Composite	Semi-annual			6.5	23.16	36	--	--
	lbs/day	Calculated				0.33	1.2	1.8	--	--
Ammonia	mg/L	24-hr. Composite	Semi-annual			--	--	--	--	0.55
	lbs/day	Calculated				--	--	--	--	28.1
Acute Toxicity	TUa	24-hr. Composite	Annual			--	1.5	--	--	2.5
Chronic Toxicity	TUc	24-hr. Composite	Once every 5-years			--	--	22	--	--

1 Daily flow values shall be submitted as an attachment to this form.

2 Metals shall be reported as total recoverable.

Additional data needed to determine compliance with the effluent limitations established in Order No. R9-2005-0091 shall be submitted as an attachment to this Monitoring and Reporting Form.

Certification Statement:

Pursuant to Section E.5. of Attachment D, this report must be signed and certified by the Discharger or a duly authorized representative of that person as follows:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signed under Penalty of Perjury

Date

Print Name